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### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference OPF0266/PCT	FOR FURTHER ACTION	see Notification of (Form PCT/ISA/220	Transmittal of International Search Report 0) as well as, where applicable, item 5 below.			
International application No.	International filing date	(day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/KR02/01938	17 OCTOBER 2002	(17.10.2002)	17 OCTOBER 2001 (17.10.2001)			
Applicant  LEE, Hong-Kyu  This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according						
to Article 18. A copy is being transmitted to the International Bureau.  This international search report consists of a total of 2 sheets.  It is also accompanied by a copy of each prior art document cited in this report.						
<ol> <li>Basis of the report         <ul> <li>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</li></ul></li></ol>						
was carried out on the basis of the sequence listing:  contained in the international application in written form.  filed together with the international application in computer readable form.  furnished subsequently to this Authority in written form.  furnished subsequently to this Authority in computer readable form.  the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.  Certain claims were found unsearchable (See Box 1).  Unity of invention is lacking (See Box 11).  With regard to the title,  the text is approved as submitted by the applicant.  the text has been established by this Authority to read as follows:						
within one month from the date  6. The figure of the drawing to be publication.	e of mailing of this interna	tional search report, s	t appears in Box III. The applicant may, ubmit comments to this Authority.			
as suggested by the applicant.  because the applicant failed to  because this figure better chara			None of the figures.			

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# INTERNATIO L SEARCH REPORT

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International application No.

PCT/KR02/01938

#### A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G08B 25/00

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G08B25\*, H04Q7\*, G08G 1/09

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) NPS

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	JP 2001-238247 A (FUJI Film co,) 31.Aug.2001(31.8.2001) See the whole document	1-33
Α	JP 11-69454 A (HITACHI co.) 9.Mar.1999(9.3.1999) See the abstract, claim 1-5	1,2,5,7,31
Α	EP I 061 758 A1 (LUCENT TECHNOLOGIES INC.) 06.Jun.2000(06.06.2000) See the abstract, fig 2	1,2,31
Α	EP 1 133 104 A2 (Hewlett-Packard Company,) 08.Feb.2001(08.02.2001) See the abstract, fig1-2	1,2,31
Α	KR 1996-0004154 (JIN, Kyong-soo) 27.Mar.1996(27.03.1996) See the whole document	31

	Further documents are listed in the continuation of Box C.		See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority
"A"	document defining the general state of the art which is not considered		date and not in conflict with the application but cited to understand
	to be of particular relevance		the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international	"X"	document of particular relevance; the claimed invention cannot be
	filing date		considered novel or cannot be considered to involve an inventive
"L"	document which may throw doubts on priority claim(s) or which is		step when the document is taken alone
	cited to establish the publication date of citation or other	"Y"	document of particular relevance; the claimed invention cannot be
	special reason (as specified)		considered to involve an inventive step when the document is
"O"	document referring to an oral disclosure, use, exhibition or other		combined with one or more other such documents, such combination
	means		being obvious to a person skilled in the art
"P"	document published prior to the international filing date but later	<b>"</b> &"	document member of the same patent family
	than the priority date claimed		
Date	of the actual completion of the international search	Date	of mailing of the international search report
	25 FEBRUARY 2003 (25.02.2003)		25 FEBRUARY 2003 (25.02.2003)

Name and mailing address of the ISA/KR

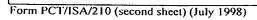
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